

Exhibit 12.2
Docket 3720-WR-107
Witnesses: Andrew J. Behm
David L. Prochaska
April 1, 2010

Public Service Commission of Wisconsin
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MILWAUKEE WATER WORKS

Cost of Service Study and Rate Design Proposal

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COMPARATIVE INCOME STATEMENT

ACCT NO.	OPERATING REVENUES	UTILITY ESTIMATE				TEST YEAR
		2006	2007	2008	2009	2010
460	Unmetered Sales to General Customers					
	Residential	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
	Commercial	196,110	111,396	127,495	140,000	175,000
	Industrial	0	0	0	0	0
	Public Authority	0	0	0	0	0
461	Metered Sales to General Customers					
	Residential	25,863,616	27,026,809	27,020,737	27,100,000	27,238,697
	Commercial	14,459,904	15,193,766	15,430,650	15,300,000	15,439,556
	Industrial	5,252,280	5,387,321	5,324,232	5,200,000	5,203,192
	Public Authority	3,110,162	3,297,319	3,552,530	3,500,000	3,585,644
	Total general sales	\$ 48,882,072	\$ 51,016,611	\$ 51,455,644	\$ 51,240,000	\$ 51,642,089
462	Private fire protection service	614,671	632,052	650,832	660,000	681,509
463	Public fire protection service	5,338,705	5,601,828	5,732,954	5,800,000	5,877,239
465	Sales to irrigation customers	0	0	0	0	0
466	Sales for resale	7,477,793	8,032,625	8,258,561	8,400,000	8,748,889
467	Interdepartmental sales	0	0	0	0	0
470	Forfeited discounts	1,591,647	1,855,769	2,062,962	2,300,000	2,600,000
472	Rents from water property	361,792	280,013	276,894	265,000	275,000
473	Interdepartmental rents	0	0	0	0	0
474	Other water revenues	888,164	577,829	261,253	335,000	625,000
	TOTAL OPERATING REVENUES	\$ 65,154,844	\$ 67,996,727	\$ 68,699,100	\$ 69,000,000	\$ 70,449,726

OPERATING EXPENSES

SOURCE OF SUPPLY

600	Operation labor	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
601	Operation labor and expenses	0	0	0	0	0
602	Purchased water	0	0	0	0	0
603	Miscellaneous expenses	0	0	0	0	0
604	Rents	0	0	0	0	0
610	Maintenance supervision and engineering	0	0	0	0	0
611	Maintenance of structures and improvements	0	0	0	0	0
612	Maint. of collecting and impounding reservoirs	0	0	0	0	0
613	Maintenance of lake, river, and other intakes	0	0	419,787	0	0
614	Maintenance of wells and springs	0	0	0	0	0
616	Maintenance of supply mains	0	0	0	0	0
617	Maintenance of misc. water source plant	0	0	0	0	0

PUMPING EXPENSES

620	Operation supervision and engineering	0	0	0	0	0
621	Fuel for power production	0	0	0	0	0
622	Power production labor and expenses	0	0	0	0	0
623	Fuel or power purchased for production	4,612,686	4,779,573	4,910,825	5,156,366	5,000,000
624	Pumping labor and expenses	302,342	306,631	309,852	315,463	324,927
625	Expenses transferred--credit	0	0	0	0	0
626	Miscellaneous expenses	39,656	57,550	72,665	58,322	60,072
627	Rents	0	0	0	0	0
630	Maintenance supervision and engineering	162,664	188,531	177,647	181,569	187,016
631	Maintenance of structures and improvements	141,362	188,589	470,014	188,821	194,486
632	Maintenance of power production equipment	0	0	0	0	0
633	Maintenance of pumping equipment	892,635	543,209	373,727	479,489	493,874

COMPARATIVE INCOME STATEMENT
(continued)

ACCT NO.	OPERATING EXPENSES	UTILITY ESTIMATE					TEST YEAR
		2006	2007	2008	2009	2010	
	WATER TREATMENT EXPENSES						
640	Operation supervision and engineering	\$ 428,236	\$ 444,095	\$ 477,470	\$ 463,432	\$ 477,335	
641	Chemicals	1,560,928	1,435,218	2,150,421	3,225,632	4,032,039	
642	Operation labor and expenses	3,973,740	4,086,305	4,210,027	4,212,725	4,339,106	
643	Miscellaneous expenses	1,160,884	1,204,009	1,232,599	1,235,139	1,272,193	
644	Rents	0	0	0	0	0	
650	Maintenance supervision and engineering	163,745	189,787	178,514	182,669	188,149	
651	Maintenance of structures and improvements	793,139	1,574,618	1,332,981	920,730	948,352	
652	Maintenance of water treatment equipment	2,108,090	2,272,627	2,286,101	2,288,941	2,357,609	
	TRANS & DISTRIBUTION EXPENSES						
660	Operation supervision and engineering	900,915	953,595	862,463	932,827	960,812	
661	Storage facilities expenses	0	0	0	0	0	
662	Transmission and distribution expenses	2,140,953	2,219,323	2,225,853	2,261,238	2,329,075	
663	Meter expenses	584,449	716,753	863,650	743,266	765,564	
664	Customer installations expenses	0	0	0	0	0	
665	Miscellaneous expenses	789,952	738,243	637,962	743,714	766,025	
666	Rents	0	1,232,510	1,232,510	1,232,510	1,232,510	
670	Maintenance supervision and engineering	0	0	0	0	0	
671	Maintenance of structures and improvements	0	0	0	0	0	
672	Maintenance of distr.reservoirs and standpipes	18,299	28,934	14,685	21,259	428,896	
673	Maintenance of transmission and distr. mains	5,793,366	4,972,814	5,553,693	5,983,953	6,582,349	
675	Maintenance of services	2,341,273	2,779,958	3,127,309	3,024,465	3,326,911	
676	Maintenance of meters	126,100	181,200	168,167	163,244	168,141	
677	Maintenance of hydrants	825,048	883,890	926,256	966,238	1,062,862	
678	Maintenance of miscellaneous plant	157,274	281,270	244,544	234,527	241,563	
	CUSTOMER ACCOUNTS EXPENSES						
901	Supervision	60,788	68,210	69,409	68,120	70,163	
902	Meter reading labor	153,435	172,128	147,232	162,326	167,196	
903	Customer records and collection expenses	524,605	684,955	315,213	324,669	595,056	
904	Uncollectible accounts	0	0	0	0	0	
905	Miscellaneous customer accounts expenses	0	0	0	0	0	
906	Customer service and Information Expenses	0	0	245,685	253,056	0	
	SALES EXPENSES						
910	Sales Expenses	0	0	0	0	0	
	ADMIN. & GENERAL EXPENSES						
920	Administrative and general salaries	2,462,027	2,739,726	2,620,367	2,685,595	2,766,162	
921	Office supplies and expenses	399,730	468,385	480,377	462,982	476,872	
922	Administrative expenses transferred -- credit	0	0	0	0	0	
923	Outside services employed	812,718	772,305	1,311,050	1,084,642	1,558,000	
924	Property insurance	59,019	54,370	57,703	58,742	60,504	
925	Injuries and damages	462,996	296,371	409,941	401,462	413,506	
926	Employee pensions and benefits	4,132,052	5,742,969	5,635,239	5,804,296	7,078,425	
928	Regulatory commission expenses	10,008	16,957	126	9,301	9,580	
929	Duplicate charges -- credit	0	0	0	0	0	
930	Miscellaneous general expenses	10,925	104,274	80,891	67,324	69,344	
931	Rents	1,142,182	221,440	229,397	229,697	236,587	
932	Maintenance of general plant	59,307	87,467	62,764	71,941	74,100	
	TOTAL OPER. & MAINT. EXPENSES	\$ 40,307,528	\$ 43,688,789	\$ 46,125,116	\$ 46,900,692	\$ 51,315,361	
404-407	DEPRECIATION EXPENSE	9,924,274	10,196,554	10,371,144	10,405,649	11,230,415	
404-407	TAXES AND TAX EQUIVALENT	8,216,646	8,624,472	9,471,090	10,358,827	11,283,998	
	TOTAL OPERATING EXPENSES	\$ 58,448,448	\$ 62,509,815	\$ 65,967,350	\$ 67,665,168	\$ 73,829,774	
	NET OPERATING INCOME	\$ 6,706,396	\$ 5,486,912	\$ 2,731,750	\$ 1,334,832	\$ (3,380,048)	

NET INVESTMENT RATE BASE

UTILITY FINANCED PLANT IN SERVICE	\$	481,729,418
Less: ACCUMULATED PROVISION FOR DEPRECIATION		177,039,982
Less: REGULATORY LIABILITY		<u>10,952,897</u>
NET INVESTMENT	\$	293,736,539
Plus: MATERIALS AND SUPPLIES		<u>2,375,000</u>
NET INVESTMENT RATE BASE	\$	<u>296,111,539</u>
RATE OF RETURN ON RATE BASE		5.21%

ESTIMATED INCOME STATEMENT FOR THE 2010 TEST YEAR
AND
REVENUE REQUIREMENT TO YIELD A 5.21% RETURN ON NET INVESTMENT RATE BASE

	<u>PRESENT RATES</u>	<u>INCREASE</u>	<u>AFTER RATE INCREASE</u>
TOTAL OPERATING REVENUES	\$ <u>70,449,726</u>	\$ <u>18,801,802</u>	\$ <u>89,251,528</u>
OPERATING EXPENSES:			
OPERATION & MAINTENANCE EXPENSES	\$ 51,315,361		\$ 51,315,361
DEPRECIATION EXPENSE	11,230,415		11,230,415
TAXES AND TAX EQUIVALENT	<u>11,283,998</u>		<u>11,283,998</u>
TOTAL OPERATING EXPENSES	\$ <u>73,829,774</u>		\$ <u>73,829,774</u>
NET OPERATING INCOME (LOSS)	\$ <u>(3,380,048)</u>		\$ <u>15,421,754</u>
RATE OF RETURN ON RATE BASE	-		5.21%

**UTILITY FINANCED PLANT IN SERVICE AND DEPRECIATION EXPENSE
TEST YEAR 2010**

<u>ACCT NO.</u>	<u>ACCOUNT DESCRIPTION</u>	<u>Balance</u>	<u>MAJOR</u>	<u>NORMAL</u>	<u>RETIRE-</u>	<u>Balance</u>	<u>TEST YEAR</u>	<u>DEPRECIATION</u>	
		<u>12/31/2009</u>	<u>ADDITIONS</u>	<u>ADDITIONS</u>	<u>MENTS</u>	<u>12/31/2010</u>	<u>RATE BASE</u>	<u>RATE</u>	<u>EXPENSE</u>
		<u>(\$)</u>	<u>(\$)</u>	<u>(\$)</u>	<u>(\$)</u>	<u>(\$)</u>	<u>BALANCE</u>	<u>(%)</u>	<u>(\$)</u>
							<u>(\$)</u>		
INTANGIBLE PLANT									
301	Organization	0	0	0	0	0	0	N/A	0
302	Franchises and consents	0	0	0	0	0	0	N/A	0
303	Miscellaneous intangible plant	0	0	0	0	0	0	N/A	0
SOURCE OF SUPPLY									
310	Land and land rights	0	0	0	0	0	0	N/A	0
311	Structures and improvements	0	0	0	0	0	0	0.00%	0
312	Collecting and impounding reservoirs	0	0	0	0	0	0	0.00%	0
313	Lake, river, and other intakes	16,080,676	0	0	0	16,080,676	16,080,676	1.70%	273,371
314	Wells and springs	0	0	0	0	0	0	0.00%	0
316	Supply mains	5,618,708	0	0	0	5,618,708	5,618,708	1.80%	101,137
317	Other water source plant	0	0	0	0	0	0	0.00%	0
PUMPING PLANT									
320	Land and land rights	323,601	0	0	0	323,601	323,601	N/A	0
321	Structures and improvements	7,485,244	0	0	0	7,485,244	7,485,244	3.20%	239,528
323	Other power production equipment	0	0	0	0	0	0	0.00%	0
325	Electric pumping equipment	14,379,917	0	3,300,000	330,000	17,349,917	15,864,917	4.40%	317,867
326	Diesel pumping equipment	0	0	0	0	0	0	0.00%	0
328	Other pumping equipment	0	0	0	0	0	0	0.00%	0
WATER TREATMENT PLANT									
330	Land and land rights	914,137	0	0	0	914,137	914,137	N/A	0
331	Structures and improvements	14,501,702	0	550,000	35,000	15,016,702	14,759,202	3.20%	472,294
332	Sand or Other Media Filtration Equip	99,100,342	0	2,042,000	204,200	100,938,142	100,019,242	3.30%	3,300,635
333	Membrane Filtration Equipment	0	0	0	0	0	0	0.00%	0
334	Other Water Treatment Equipment	0	0	0	0	0	0	0.00%	0

UTILITY FINANCED PLANT IN SERVICE AND DEPRECIATION EXPENSE
TEST YEAR 2010
(continued)

<u>ACCT NO.</u>	<u>ACCOUNT DESCRIPTION</u>	<u>Balance</u>	<u>MAJOR</u>	<u>NORMAL</u>	<u>RETIRE-</u>	<u>Balance</u>	<u>TEST YEAR</u>	<u>DEPRECIATION</u>	
		<u>12/31/2009</u>	<u>ADDITIONS</u>	<u>ADDITIONS</u>	<u>MENTS</u>	<u>12/31/2010</u>	<u>RATE BASE</u>	<u>RATE</u>	<u>EXPENSE</u>
		<u>(\$)</u>	<u>(\$)</u>	<u>(\$)</u>	<u>(\$)</u>	<u>(\$)</u>	<u>BALANCE</u>	<u>(%)</u>	<u>(\$)</u>
							<u>(\$)</u>		
TRANSMISSION & DISTRIBUTION PLANT									
340	Land and land rights	29,629	0	0	0	29,629	29,629	N/A	0
341	Structures and improvements	0	0	0	0	0	0	0.00%	0
342	Distribution reservoirs and standpipes	8,189,451	0	0	0	8,189,451	8,189,451	1.90%	155,600
343	Transmission and distribution mains	224,676,972	0	6,750,000	600,000	230,826,972	227,751,972	1.30%	3,017,922
345	Services	0	0	0	0	0	0	0.00%	0
346	Meters	27,883,365	1,850,000	132,000	5,320	29,860,045	29,796,705	5.50%	819,409
348	Hydrants	24,968,230	0	760,000	114,000	25,614,230	25,291,230	2.20%	556,407
349	Other transmission and distr. plant	0	0	0	0	0	0	0.00%	0
GENERAL PLANT									
389	Land and land rights	13,262	0	0	0	13,262	13,262	N/A	0
390	Structures and improvements	2,004,734	0	0	0	2,004,734	2,004,734	2.90%	58,137
391	Office furniture and equipment	3,503,959	0	4,000	400	3,507,559	3,505,759	5.80%	75,256
391	Office furniture & equip - Computers	5,838,113	0	503,900	43,900	6,298,113	6,068,113	26.70%	1,000,825
392	Transportation equipment	6,796,595	0	913,000	141,750	7,567,845	7,182,220	13.30%	0
393	Stores equipment	158,090	0	0	0	158,090	158,090	5.80%	0
394	Tools, shop and garage equipment	1,679,606	0	272,300	17,180	1,934,726	1,807,166	5.80%	104,816
395	Laboratory equipment	728,812	0	22,000	2,200	748,612	738,712	5.80%	42,845
396	Power operated equipment	2,397,494	0	262,000	65,500	2,593,994	2,495,744	7.50%	187,181
397	Communication equipment	3,542,361	0	47,000	4,700	3,584,661	3,563,511	15.00%	323,185
397	SCADA equipment	2,000,000	0	0	0	2,000,000	2,000,000	9.20%	184,000
398	Miscellaneous equipment	67,393	0	0	0	67,393	67,393	5.80%	0
TOTAL UTILITY FINANCED PLANT IN SERVICE		472,882,393	1,850,000	15,558,200	1,564,150	488,726,443	481,729,418		11,230,415

SYSTEM DEMAND RATIOS

MAXIMUM DAY SYSTEM DEMAND

TOTAL ANNUAL PUMPAGE 38,874,523,000 Gallons

AVERAGE DAILY PUMPAGE 106,505,542 Gallons

MAXIMUM DAY PUMPAGE 149,107,759 Gallons

FIRE FLOW:

GAL/MIN	18,000	
DURATION (HOURS)	18	
TOTAL FLOW	19,440,000	Gallons

AVERAGE DAY PLUS FIRE FLOW 125,945,542 Gallons

RATIO:	BASE	=	$\frac{106,505,542}{149,107,759}$	=	71.43%

MAX DAY	=	100-BASE	=	28.57%
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MAXIMUM HOUR SYSTEM DEMAND

AVERAGE HOUR ON MAX DAY 6,212,823 Gallons

MAXIMUM HOUR PUMPAGE 7,544,143 Gallons

AVERAGE HOUR
PLUS ONE HOUR FIRE FLOW 5,517,731 Gallons

RATIO:	BASE	=	$\frac{106,505,542}{181,059,422}$	=	58.82%	Use
						58.82%

MAX HOUR	=	100-BASE	=	41.18%	Use
					41.18%

**ALLOCATION OF UTILITY FINANCED PLANT
TO
SERVICE COST FUNCTIONS**

ACCT NO.	ACCOUNT DESCRIPTION	EXTRA-CAPACITY											
		TOTAL	BASE COSTS		MAX DAY		MAX HOUR			CUSTOMER COSTS			FIRE PROTECT.
			SYSTEM	DISTRIB.	SYSTEM	DISTRIB.	SYSTEM	DISTRIB.	STORAGE	BILLING	EQUIV. METER	EQUIV. SERVICE	
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
INTANGIBLE PLANT													
301	Organization	0	0	0	0	0	0	0	0	0	0	0	0
302	Franchises and consents	0	0	0	0	0	0	0	0	0	0	0	0
303	Miscellaneous intangible plant	0	0	0	0	0	0	0	0	0	0	0	0
SOURCE OF SUPPLY													
310	Land and land rights	0	0		0								
311	Structures and improvements	0	0		0								
312	Collecting and impounding reservoirs	0	0		0								
313	Lake, river, and other intakes	16,080,676	11,486,197		4,594,479								
314	Wells and springs	0	0		0								
316	Supply mains	5,618,708	4,013,363		1,605,345								
317	Other water source plant	0	0		0								
PUMPING PLANT													
320	Land and land rights	323,601	231,144		92,457								
321	Structures and improvements	7,485,244	5,346,603		2,138,641								
323	Other power production equipment	0	0		0								
325	Electric pumping equipment	15,864,917	11,332,084		4,532,833								
326	Diesel pumping equipment	0	0		0								
328	Other pumping equipment	0	0		0								
WATER TREATMENT PLANT													
330	Land and land rights	914,137	652,955		261,182								
331	Structures and improvements	14,759,202	10,542,287		4,216,915								
332	Sand or Other Media Filtration Equip	100,019,242	71,442,316		28,576,926								
333	Membrane Filtration Equipment	0	0		0								
334	Other Water Treatment Equipment	0	0		0								

ALLOCATION OF UTILITY FINANCED PLANT
TO
SERVICE COST FUNCTIONS
(continued)

ACCT NO.	ACCOUNT DESCRIPTION	EXTRA-CAPACITY									FIRE PROTECT.		
		TOTAL	BASE COSTS		MAX DAY		MAX HOUR			CUSTOMER COSTS			
			SYSTEM	DISTRIB.	SYSTEM	DISTRIB.	SYSTEM	DISTRIB.	STORAGE	BILLING		EQUIV. METER	EQUIV. SERVICE
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
TRANSMISSION & DISTRIBUTION PLANT													
340	Land and land rights	29,629	9,284	6,397	3,518	0	0	4,478	343	0	3,034	0	2,575
341	Structures and improvements	0	0	0	0	0	0	0	0	0	0	0	0
342	Distribution reservoirs and standpipes	8,189,451	4,817,324						3,372,127				
343	Transmission mains	120,927,295	86,376,639		34,550,656								
343	Distribution mains	106,824,677		62,838,045				43,986,632					
345	Services	0										0	
346	Meters	29,796,705									29,796,705		
348	Hydrants	25,291,230											25,291,230
349	Other transmission and distr. plant	0	0	0	0	0	0	0	0	0	0	0	0
GENERAL PLANT													
389	Land and land rights	13,262	6,050	1,843	2,363	0	0	1,290	99	0	874	0	742
390	Structures and improvements	2,004,734	914,519	278,654	357,263	0	0	195,058	14,954	0	132,133	0	112,153
391	Office furniture and equipment	3,505,759	1,599,257	487,294	624,760	0	0	341,106	26,150	0	231,066	0	196,127
391	Office furniture & equip - Computers	6,068,113	2,768,151	843,456	1,081,396	0	0	590,419	45,263	0	399,952	0	339,476
392	Transportation equipment	7,182,220	3,276,384	998,314	1,279,940	0	0	698,820	53,573	0	473,383	0	401,804
393	Stores equipment	158,090	72,117	21,974	28,173	0	0	15,382	1,179	0	10,420	0	8,844
394	Tools, shop and garage equipment	1,807,166	824,393	251,193	322,054	0	0	175,835	13,480	0	119,111	0	101,101
395	Laboratory equipment	738,712	336,986	102,680	131,646	0	0	71,876	5,510	0	48,689	0	41,327
396	Power operated equipment	2,495,744	1,138,508	346,903	444,765	0	0	242,832	18,616	0	164,496	0	139,623
397	Communication equipment	3,563,511	1,625,602	495,321	635,052	0	0	346,725	26,581	0	234,873	0	199,358
397	SCADA equipment	2,000,000	912,360	277,996	356,419	0	0	194,597	14,918	0	131,821	0	111,889
398	Miscellaneous equipment	67,393	30,743	9,367	12,010	0	0	6,557	503	0	4,442	0	3,770
TOTAL		481,729,418	219,755,266	66,959,438	85,848,794	0	0	46,871,607	3,593,296	0	31,750,998	0	26,950,020

**ALLOCATION OF TOTAL PLANT
TO
SERVICE COST FUNCTIONS**

ACCT NO.	ACCOUNT DESCRIPTION	EXTRA-CAPACITY									CUSTOMER COSTS			FIRE PROTECT. (\$)
		TOTAL (\$)	BASE COSTS		MAX DAY		MAX HOUR			BILLING (\$)	EQUIV. METER (\$)	EQUIV. SERVICE (\$)		
			SYSTEM (\$)	DISTRIB. (\$)	SYSTEM (\$)	DISTRIB. (\$)	SYSTEM (\$)	DISTRIB. (\$)	STORAGE (\$)					
	INTANGIBLE PLANT													
301	Organization	0	0	0	0	0	0	0	0	0	0	0	0	
302	Franchises and consents	0	0	0	0	0	0	0	0	0	0	0	0	
303	Miscellaneous intangible plant	0	0	0	0	0	0	0	0	0	0	0	0	
	SOURCE OF SUPPLY													
310	Land and land rights	0	0		0									
311	Structures and improvements	0	0		0									
312	Collecting and impounding reservoirs	0	0		0									
313	Lake, river, and other intakes	16,080,676	11,486,197		4,594,479									
314	Wells and springs	0	0		0									
316	Supply mains	5,618,708	4,013,363		1,605,345									
317	Other water source plant	0	0		0									
	PUMPING PLANT													
320	Land and land rights	323,601	231,144		92,457									
321	Structures and improvements	7,485,244	5,346,603		2,138,641									
323	Other power production equipment	0	0		0									
325	Electric pumping equipment	15,864,917	11,332,084		4,532,833									
326	Diesel pumping equipment	0	0		0									
328	Other pumping equipment	0	0		0									
	WATER TREATMENT PLANT													
330	Land and land rights	914,137	652,955		261,182									
331	Structures and improvements	14,759,202	10,542,287		4,216,915									
332	Sand or Other Media Filtration Equip	100,019,242	71,442,316		28,576,926									
333	Membrane Filtration Equipment	0	0		0									
334	Other Water Treatment Equipment	0	0		0									

**ALLOCATION OF TOTAL PLANT
TO
SERVICE COST FUNCTIONS
(continued)**

ACCT NO.	ACCOUNT DESCRIPTION	EXTRA-CAPACITY											
		BASE COSTS			MAX DAY		MAX HOUR			CUSTOMER COSTS			FIRE PROTECT. (\$)
		TOTAL (\$)	SYSTEM (\$)	DISTRIB. (\$)	SYSTEM (\$)	DISTRIB. (\$)	SYSTEM (\$)	DISTRIB. (\$)	STORAGE (\$)	BILLING (\$)	EQUIV. METER (\$)	EQUIV. SERVICE (\$)	
TRANSMISSION & DISTRIBUTION PLANT													
340	Land and land rights	29,629	7,180	8,404	2,720	0	0	5,883	266	0	2,561	0	2,616
341	Structures and improvements	0	0	0	0	0	0	0	0	0	0	0	0
342	Distribution reservoirs and standpipes	8,189,451	4,817,324						3,372,127				
343	Transmission mains	120,927,295	86,376,639		34,550,656								
343	Distribution mains	181,449,238		106,734,846				74,714,392					
345	Services	0										0	
346	Meters	32,527,494									32,527,494		
348	Hydrants	33,219,292											33,219,292
349	Other transmission and distr. plant	0	0	0	0	0	0	0	0	0	0	0	0
GENERAL PLANT													
389	Land and land rights	13,262	5,090	2,634	1,988	0	0	1,844	83	0	803	0	820
390	Structures and improvements	2,004,734	769,383	398,192	300,564	0	0	278,735	12,580	0	121,349	0	123,930
391	Office furniture and equipment	3,505,759	1,345,451	696,335	525,609	0	0	487,435	22,000	0	212,208	0	216,722
391	Office furniture & equip - Computers	6,068,113	2,328,838	1,205,285	909,776	0	0	843,700	38,079	0	367,311	0	375,123
392	Transportation equipment	7,182,220	2,756,414	1,426,576	1,076,811	0	0	998,603	45,071	0	434,750	0	443,996
393	Stores equipment	158,090	60,672	31,401	23,702	0	0	21,981	992	0	9,569	0	9,773
394	Tools, shop and garage equipment	1,807,166	693,560	358,950	270,944	0	0	251,265	11,340	0	109,390	0	111,717
395	Laboratory equipment	738,712	283,505	146,727	110,753	0	0	102,709	4,636	0	44,715	0	45,666
396	Power operated equipment	2,495,744	957,824	495,720	374,180	0	0	347,004	15,662	0	151,071	0	154,284
397	Communication equipment	3,563,511	1,367,615	707,806	534,268	0	0	495,464	22,362	0	215,704	0	220,292
397	SCADA equipment	2,000,000	767,566	397,252	299,855	0	0	278,076	12,551	0	121,063	0	123,638
398	Miscellaneous equipment	67,393	25,864	13,386	10,104	0	0	9,370	423	0	4,079	0	4,166
TOTAL		567,012,830	217,609,873	112,623,515	85,010,709	0	0	78,836,460	3,558,171	0	34,322,069	0	35,052,034

**ALLOCATION OF DEPRECIATION EXPENSE
TO
SERVICE COST FUNCTIONS**

ACCT NO.	ACCOUNT DESCRIPTION	EXTRA-CAPACITY											
		TOTAL	BASE COSTS		MAX DAY		MAX HOUR			CUSTOMER COSTS			FIRE PROTECT.
			SYSTEM	DISTRIB.	SYSTEM	DISTRIB.	SYSTEM	DISTRIB.	STORAGE	BILLING	EQUIV. METER	EQUIV. SERVICE	
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
INTANGIBLE PLANT													
301	Organization	0	0	0	0	0	0	0	0	0	0	0	0
302	Franchises and consents	0	0	0	0	0	0	0	0	0	0	0	0
303	Miscellaneous intangible plant	0	0	0	0	0	0	0	0	0	0	0	0
SOURCE OF SUPPLY													
310	Land and land rights	0	0		0								
311	Structures and improvements	0	0		0								
312	Collecting and impounding reservoirs	0	0		0								
313	Lake, river, and other intakes	273,371	195,265		78,106								
314	Wells and springs	0	0		0								
316	Supply mains	101,137	72,241		28,896								
317	Other water source plant	0	0		0								
PUMPING PLANT													
320	Land and land rights	0	0		0								
321	Structures and improvements	239,528	171,091		68,437								
323	Other power production equipment	0	0		0								
325	Electric pumping equipment	317,867	227,048		90,819								
326	Diesel pumping equipment	0	0		0								
328	Other pumping equipment	0	0		0								
WATER TREATMENT PLANT													
330	Land and land rights	0	0		0								
331	Structures and improvements	472,294	337,353		134,941								
332	Sand or Other Media Filtration Equip	3,300,635	2,357,596		943,039								
333	Membrane Filtration Equipment	0	0		0								
334	Other Water Treatment Equipment	0	0		0								

ALLOCATION OF DEPRECIATION EXPENSE
TO
SERVICE COST FUNCTIONS
(continued)

ACCT NO.	ACCOUNT DESCRIPTION	EXTRA-CAPACITY											
		TOTAL	BASE COSTS		MAX DAY		MAX HOUR			CUSTOMER COSTS			FIRE PROTECT.
			SYSTEM	DISTRIB.	SYSTEM	DISTRIB.	SYSTEM	DISTRIB.	STORAGE	BILLING	EQUIV. METER	EQUIV. SERVICE	
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
TRANSMISSION & DISTRIBUTION PLANT													
340	Land and land rights	0	0	0	0	0	0	0	0	0	0	0	
341	Structures and improvements	0	0	0	0	0	0	0	0	0	0	0	
342	Distribution reservoirs and standpipes	155,600	91,529					64,071					
343	Transmission mains	1,602,397	1,144,569		457,828								
343	Distribution mains	1,415,525		832,662			582,863						
345	Services	0									0		
346	Meters	819,409								819,409			
348	Hydrants	556,407										556,407	
349	Other transmission and distr. plant	0	0	0	0	0	0	0	0	0	0	0	
GENERAL PLANT													
389	Land and land rights	0	0	0	0	0	0	0	0	0	0	0	
390	Structures and improvements	58,137	28,878	5,231	11,321	0	0	3,662	403	0	5,148	0	3,495
391	Office furniture and equipment	75,256	37,381	6,771	14,655	0	0	4,740	521	0	6,664	0	4,525
391	Office furniture & equip - Computers	1,000,825	497,126	90,051	194,891	0	0	63,036	6,929	0	88,618	0	60,175
392	Transportation equipment	0	0	0	0	0	0	0	0	0	0	0	0
393	Stores equipment	0	0	0	0	0	0	0	0	0	0	0	0
394	Tools, shop and garage equipment	104,816	52,064	9,431	20,411	0	0	6,602	726	0	9,281	0	6,302
395	Laboratory equipment	42,845	21,282	3,855	8,343	0	0	2,699	297	0	3,794	0	2,576
396	Power operated equipment	187,181	92,976	16,842	36,450	0	0	11,789	1,296	0	16,574	0	11,254
397	Communication equipment	323,185	160,531	29,079	62,934	0	0	20,355	2,238	0	28,616	0	19,431
397	SCADA equipment	184,000	91,396	16,556	35,830	0	0	11,589	1,274	0	16,292	0	11,063
398	Miscellaneous equipment	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL		11,230,415	5,578,325	1,010,478	2,186,900	0	0	707,335	77,753	0	994,395	0	675,229

ALLOCATION OF OPERATION AND MAINTENANCE EXPENSES
TO
SERVICE COST FUNCTIONS

ACCT NO.	ACCOUNT DESCRIPTION	EXTRA-CAPACITY											
		TOTAL (\$)	BASE COSTS		MAX DAY		MAX HOUR			CUSTOMER COSTS			FIRE PROTECT. (\$)
			SYSTEM (\$)	DISTRIB. (\$)	SYSTEM (\$)	DISTRIB. (\$)	SYSTEM (\$)	DISTRIB. (\$)	STORAGE (\$)	BILLING (\$)	EQUIV. METER (\$)	EQUIV. SERVICE (\$)	
	SOURCE OF SUPPLY												
600	Operation labor	0	0		0								
601	Operation labor and expenses	0	0		0								
602	Purchased water	0	0										0
603	Miscellaneous expenses	0	0		0								
604	Rents	0	0		0								
610	Maintenance supervision and engineering	0	0		0								
611	Maintenance of structures and improvements	0	0		0								
612	Maint. of collecting and impounding reservoirs	0	0		0								
613	Maintenance of lake, river, and other intakes	0	0		0								
614	Maintenance of wells and springs	0	0		0								
616	Maintenance of supply mains	0	0		0								
617	Maintenance of misc. water source plant	0	0		0								
	PUMPING EXPENSES												
620	Operation supervision and engineering	0	0		0								
621	Fuel for power production	0	0										
622	Power production labor and expenses	0	0										
623	Fuel or power purchased for production	5,000,000	5,000,000										
624	Pumping labor and expenses	324,927	232,091		92,836								
625	Expenses transferred--credit	0	0		0								
626	Miscellaneous expenses	60,072	42,909		17,163								
627	Rents	0	0		0								
630	Maintenance supervision and engineering	187,016	133,583		53,433								
631	Maintenance of structures and improvements	194,486	138,919		55,567								
632	Maintenance of power production equipment	0	0		0								
633	Maintenance of pumping equipment	493,874	352,767		141,107								
	WATER TREATMENT EXPENSES												
640	Operation supervision and engineering	477,335	340,954		136,381								
641	Chemicals	4,032,039	4,032,039										
642	Operation labor and expenses	4,339,106	3,099,361		1,239,745								
643	Miscellaneous expenses	1,272,193	908,709		363,484								
644	Rents	0	0		0								
650	Maintenance supervision and engineering	188,149	134,392		53,757								
651	Maintenance of structures and improvements	948,352	677,394		270,958								
652	Maintenance of water treatment equipment	2,357,609	1,684,006		673,603								

**ALLOCATION OF OPERATION AND MAINTENANCE EXPENSES
TO
SERVICE COST FUNCTIONS
(continued)**

ACCT NO.	ACCOUNT DESCRIPTION	EXTRA-CAPACITY											
		TOTAL (\$)	BASE COSTS		MAX DAY		MAX HOUR			CUSTOMER COSTS			FIRE PROTECT. (\$)
			SYSTEM (\$)	DISTRIB. (\$)	SYSTEM (\$)	DISTRIB. (\$)	SYSTEM (\$)	DISTRIB. (\$)	STORAGE (\$)	BILLING (\$)	EQUIV. METER (\$)	EQUIV. SERVICE (\$)	
TRANS & DISTRIBUTION EXPENSES													
660	Operation supervision and engineering	960,812	90,328	282,697	29,519	0	0	197,888	11,572	0	61,179	217,988	69,642
661	Storage facilities expenses	0	0						0				
662	Transmission lines expenses	412,107	294,362		117,745								
662	Distribution lines expenses	1,916,968		1,127,628				789,340					
663	Meter expenses	765,564									765,564		
664	Customer installations expenses	0										0	
665	Miscellaneous expenses	766,025	72,015	225,385	23,534	0	0	157,770	9,226	0	48,776	173,795	55,523
666	Rents	1,232,510	115,871	362,638	37,866	0	0	253,847	14,844	0	78,479	279,631	89,335
670	Maintenance supervision and engineering	0	0	0	0	0	0	0	0	0	0	0	0
671	Maintenance of structures and improvements	0	0	0	0	0	0	0	0	0	0	0	0
672	Maintenance of distr.reservoirs and standpipes	428,896	252,292						176,604				
673	Maintenance of transmission mains	1,164,683	831,917		332,767								
673	Maintenance of distribution mains	5,417,666		3,186,862				2,230,804					
675	Maintenance of services	3,326,911										3,326,911	
676	Maintenance of meters	168,141									168,141		
677	Maintenance of hydrants	1,062,862											1,062,862
678	Maintenance of miscellaneous plant	241,563	22,710	71,074	7,421	0	0	49,752	2,909	0	15,381	54,806	17,509
CUSTOMER ACCOUNTS EXPENSES													
901	Supervision	70,163								70,163			
902	Meter reading labor	167,196								167,196			
903	Customer records and collection expenses	595,056								595,056			
904	Uncollectible accounts	0								0			
905	Miscellaneous customer accounts expenses	0								0			
906	Customer service and Information Expenses	0											
SALES EXPENSES													
910	Sales Expenses	0								0			
ADMINISTRATIVE & GENERAL EXPENSES													
920	Administrative and general salaries	2,766,162	882,522	492,201	341,496	0	0	344,541	20,147	77,948	106,518	379,537	121,252
921	Office supplies and expenses	476,872	152,142	84,853	58,872	0	0	59,397	3,473	13,438	18,363	65,430	20,903
922	Administrative expenses transferred -- credit	0	0	0	0	0	0	0	0	0	0	0	0
923	Outside services employed	1,558,000	497,068	277,225	192,343	0	0	194,057	11,348	43,903	59,995	213,769	68,294
924	Property insurance	60,504	23,220	12,018	9,071	0	0	8,412	380	0	3,662	0	3,740
925	Injuries and damages	413,506	131,926	73,578	51,049	0	0	51,504	3,012	11,652	15,923	56,736	18,126
926	Employee pensions and benefits	7,078,425	2,258,315	1,259,510	873,866	0	0	881,657	51,555	199,463	272,572	971,210	310,277
928	Regulatory commission expenses	9,580	3,056	1,705	1,183	0	0	1,193	70	270	369	1,314	420
929	Duplicate charges -- credit	0	0	0	0	0	0	0	0	0	0	0	0
930	Miscellaneous general expenses	69,344	22,124	12,339	8,561	0	0	8,637	505	1,954	2,670	9,514	3,040
931	Rents	236,587	75,481	42,097	29,208	0	0	29,468	1,723	6,667	9,110	32,461	10,371
932	Maintenance of general plant	74,100	23,641	13,185	9,148	0	0	9,230	540	2,088	2,853	10,167	3,248
TOTAL OPERATION & MAINTENANCE EXPENSES		51,315,361	22,526,114	7,524,995	5,221,683	0	0	5,267,497	307,907	1,189,798	1,629,557	5,793,270	1,854,540

SUMMARY OF ALLOCATION OF OPERATING COSTS TO SERVICE COST FUNCTIONS

OPERATING COST	EXTRA-CAPACITY											
	TOTAL	BASE COSTS		MAX DAY		MAX HOUR			CUSTOMER COSTS			FIRE PROTECT.
		SYSTEM	DISTRIB.	SYSTEM	DISTRIB.	SYSTEM	DISTRIB.	STORAGE	BILLING	EQUIV. METER	EQUIV. SERVICE	
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
OPERATION AND MAINTENANCE	51,315,361	22,526,114	7,524,995	5,221,683	0	0	5,267,497	307,907	1,189,798	1,629,557	5,793,270	1,854,540
DEPRECIATION EXPENSE	11,230,415	5,578,325	1,010,478	2,186,900	0	0	707,335	77,753	0	994,395	0	675,229
TAXES AND TAX EQUIVALENT	11,283,998	4,330,606	2,241,296	1,691,779	0	0	1,568,907	70,810	0	683,036	0	697,563
RETURN ON NET INVESTMENT RATE BASE	15,421,754	7,254,039	2,057,946	2,748,959	0	0	1,440,562	111,205	0	980,755	0	828,288
TOTAL	89,251,528	39,689,085	12,834,715	11,849,321	0	0	8,984,301	567,676	1,189,798	4,287,743	5,793,270	4,055,620

CUSTOMER CLASS DEMAND RATIOS

CUSTOMER CLASS	BASE COSTS						EXTRA-CAPACITY MAX DAY DEMAND					EXTRA-CAPACITY MAX HOUR DEMAND				
	ANNUAL VOLUME 100 CCF	AVERAGE DAY VOLUME CCF	PERCENT (%)	SYSTEM ADJUST. PERCENT (%)	DISTR. ADJUST. PERCENT (%)	EXTRA CAPACITY RATIO	VOLUME RATE CCF PER DAY	PERCENT (%)	SYSTEM ADJUST. PERCENT (%)	DISTR. ADJUST. PERCENT (%)	EXTRA CAPACITY RATIO	VOLUME RATE CCF PER HOUR	PERCENT (%)	SYSTEM ADJUST. PERCENT (%)	DISTR. ADJUST. PERCENT (%)	STORAGE ADJUST. PERCENT (%)
URBAN RESIDENTIAL	13,487,000	3,695,068	30.44%	30.44%	41.12%	1.50	5,542,603	34.90%	34.90%	40.95%	2.78	428,012	36.47%	36.47%	43.78%	42.34%
URBAN COMMERCIAL	9,314,000	2,551,781	21.02%	21.02%	28.40%	1.20	3,062,137	19.28%	19.28%	22.63%	2.17	230,724	19.66%	19.66%	23.60%	22.82%
URBAN INDUSTRIAL	4,760,000	1,304,110	10.74%	10.74%	14.51%	0.60	782,466	4.93%	4.93%	5.78%	1.05	57,055	4.86%	4.86%	5.84%	5.64%
URBAN PUBLIC AUTHORITY	2,513,000	688,493	5.67%	5.67%	7.66%	1.05	722,918	4.55%	4.55%	5.34%	1.90	54,506	4.64%	4.64%	5.58%	5.39%
SUBURBAN RESIDENTIAL	1,147,000	314,247	2.59%	2.59%	3.50%	1.50	471,370	2.97%	2.97%	3.48%	2.78	36,400	3.10%	3.10%	3.72%	3.60%
SUBURBAN COMMERCIAL	1,012,000	277,260	2.28%	2.28%	3.09%	1.20	332,712	2.10%	2.10%	2.46%	2.17	25,069	2.14%	2.14%	2.56%	2.48%
SUBURBAN INDUSTRIAL	115,000	31,507	0.26%	0.26%	0.35%	0.60	18,904	0.12%	0.12%	0.14%	1.05	1,378	0.12%	0.12%	0.14%	0.14%
SUBURBAN PUBLIC AUTHORITY	6,000	1,644	0.01%	0.01%	0.02%	1.05	1,726	0.01%	0.01%	0.01%	1.90	130	0.01%	0.01%	0.01%	0.01%
WEST MILWAUKEE RESIDENTIAL	88,000	24,110	0.20%	0.20%	0.00%	1.50	36,164	0.23%	0.23%	0.00%	2.78	2,793	0.24%	0.24%	0.00%	0.28%
WEST MILWAUKEE COMMERCIAL	90,000	24,658	0.20%	0.20%	0.00%	1.20	29,589	0.19%	0.19%	0.00%	2.17	2,229	0.19%	0.19%	0.00%	0.22%
WEST MILWAUKEE INDUSTRIAL	397,000	108,767	0.90%	0.90%	0.00%	0.60	65,260	0.41%	0.41%	0.00%	1.05	4,759	0.41%	0.41%	0.00%	0.47%
WEST MILWAUKEE PUBLIC AUTHORITY	0	0	0.00%	0.00%	0.00%	1.05	0	0.00%	0.00%	0.00%	1.90	0	0.00%	0.00%	0.00%	0.00%
BROWN DEER	657,000	180,000	1.48%	1.48%	0.00%	0.89	160,200	1.01%	1.01%	0.00%	1.71	12,825	1.09%	1.09%	0.00%	0.00%
BUTLER	162,000	44,384	0.37%	0.37%	0.00%	0.63	27,962	0.18%	0.18%	0.00%	1.33	2,460	0.21%	0.21%	0.00%	0.00%
GREENDALE	626,000	171,507	1.41%	1.41%	0.00%	1.80	308,712	1.94%	1.94%	0.00%	3.01	21,510	1.83%	1.83%	0.00%	0.00%
MENOMONEE FALLS	1,493,000	409,041	3.37%	3.37%	0.00%	0.64	261,786	1.65%	1.65%	0.00%	1.35	23,009	1.96%	1.96%	0.00%	0.00%
MEQUON	406,000	111,233	0.92%	0.92%	0.00%	1.13	125,693	0.79%	0.79%	0.00%	2.05	9,501	0.81%	0.81%	0.00%	0.94%
NEW BERLIN	1,225,000	335,616	2.76%	2.76%	0.00%	0.69	231,575	1.46%	1.46%	0.00%	1.42	19,857	1.69%	1.69%	0.00%	0.00%
SHOREWOOD	587,000	160,822	1.32%	1.32%	0.00%	1.15	184,945	1.16%	1.16%	0.00%	2.08	13,938	1.19%	1.19%	0.00%	1.38%
WAUWATOSA	2,310,000	632,877	5.21%	5.21%	0.00%	0.59	373,397	2.35%	2.35%	0.00%	1.28	33,753	2.88%	2.88%	0.00%	0.00%
WEST ALLIS	2,913,000	798,082	6.57%	6.57%	0.00%	0.46	367,118	2.31%	2.31%	0.00%	1.09	36,246	3.09%	3.09%	0.00%	0.00%
COUNTY INSTITUTIONS	555,000	152,055	1.25%	1.25%	0.00%	1.15	174,863	1.10%	1.10%	0.00%	2.08	13,178	1.12%	1.12%	0.00%	0.00%
PUBLIC FIRE PROTECTION	443,061	121,386	1.00%	1.00%	1.35%		2,598,930	16.36%	16.36%	19.20%		144,385	12.30%	12.30%	14.77%	14.28%
TOTALS	44,306,061	12,138,647	100.00%	100.00%	100.00%		15,881,032	100.00%	100.00%	100.00%		1,173,717	100.00%	100.00%	100.00%	100.00%
50% 50% <-- Public Fire % Limits --> 50% 50% 80%																

MAXIMUM DAY DEMAND =	25,299,362	(CUBIC FEET/DAY)	SUM OF GENERAL SERVICE AVERAGE AND MAXIMUM DAY EXTRA CAPACITY DEMAND
MAXIMUM HOUR DEMAND =	1,530,051	(CUBIC FEET/HR)	SUM OF GENERAL SERVICE AVERAGE AND MAXIMUM HOUR EXTRA CAPACITY DEMAND
1.27	=	NON-COINCIDENT / COINCIDENT RATIO FOR MAX DAY	
1.52	=	NON-COINCIDENT / COINCIDENT RATIO FOR MAX HOUR	

CUSTOMER CLASS ALLOCATION FACTORS

NUMBER OF METERS

<u>Meter size (inches):</u>	<u>5/8</u>	<u>3/4</u>	<u>1</u>	<u>1-1/4</u>	<u>1-1/2</u>	<u>2</u>	<u>2-1/2</u>	<u>3</u>	<u>4</u>	<u>6</u>	<u>8</u>	<u>10</u>	<u>12</u>	TOTAL METERS	PERCENT
URBAN RESIDENTIAL	93,096	35,741	1,104	1	77	18	0	0	0	0	0	0	0	130,037	80.32%
URBAN COMMERCIAL	4,182	2,824	2,786	2	2,056	1,148	0	349	221	73	9	0	0	13,650	8.43%
URBAN INDUSTRIAL	271	276	201	0	217	245	0	96	55	36	7	3	0	1,407	0.87%
URBAN PUBLIC AUTHORITY	61	80	324	1	113	186	0	157	93	51	14	3	0	1,083	0.67%
SUBURBAN RESIDENTIAL	10,286	2,505	131	0	52	1	0	0	0	0	0	0	0	12,975	8.01%
SUBURBAN COMMERCIAL	408	166	457	2	459	68	0	28	17	11	1	0	0	1,617	1.00%
SUBURBAN INDUSTRIAL	8	3	10	0	10	6	0	1	1	1	1	0	0	41	0.03%
SUBURBAN PUBLIC AUTHORITY	0	0	1	0	0	1	0	0	1	2	0	0	0	5	0.00%
WEST MILWAUKEE RESIDENTIAL	449	341	13	0	1	1	0	0	0	0	0	0	0	805	0.50%
WEST MILWAUKEE COMMERCIAL	51	37	47	0	27	9	0	3	2	0	0	0	0	176	0.11%
WEST MILWAUKEE INDUSTRIAL	9	18	2	0	12	11	0	2	7	2	1	0	0	64	0.04%
WEST MILWAUKEE PUBLIC AUTHORITY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%
BROWN DEER	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0.00%
BUTLER	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0.00%
GREENDALE	0	0	0	0	0	0	0	0	0	0	2	3	0	5	0.00%
MENOMONEE FALLS	0	0	0	0	0	0	0	0	0	0	2	2	0	4	0.00%
MEQUON	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0.00%
NEW BERLIN	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0.00%
SHOREWOOD	0	0	0	0	0	0	0	0	0	0	1	0	2	3	0.00%
WAUWATOSA	0	0	0	0	0	0	0	0	0	0	2	2	2	6	0.00%
WEST ALLIS	0	0	0	0	0	0	0	0	0	0	0	4	0	4	0.00%
COUNTY INSTITUTIONS	0	0	0	0	0	0	0	0	0	0	1	0	2	3	0.00%
TOTALS	108,821	41,991	5,076	6	3,024	1,694	0	636	397	178	51	17	6	161,897	100.00%

CUSTOMER CLASS ALLOCATION FACTORS

EQUIVALENT METERS

ALLOCATION FACTOR:

Meter size (inches):	5/8	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	6	8	10	12	TOTAL EQUIV. METERS	PERCENT
Equiv. meters ratio:	1.0	1.0	2.5	2.5	5.0	8.0	12.5	15.0	25.0	50.0	80.0	120.0	160.0		
URBAN RESIDENTIAL	93,096	35,741	2,760	3	385	144	0	0	0	0	0	0	0	132,129	58.04%
URBAN COMMERCIAL	4,182	2,824	6,965	5	10,280	9,184	0	5,235	5,525	3,650	720	0	0	48,570	21.34%
URBAN INDUSTRIAL	271	276	503	0	1,085	1,960	0	1,440	1,375	1,800	560	360	0	9,630	4.23%
URBAN PUBLIC AUTHORITY	61	80	810	3	565	1,488	0	2,355	2,325	2,550	1,120	360	0	11,717	5.15%
SUBURBAN RESIDENTIAL	10,286	2,505	328	0	260	8	0	0	0	0	0	0	0	13,387	5.88%
SUBURBAN COMMERCIAL	408	166	1,143	5	2,295	544	0	420	425	550	80	0	0	6,036	2.65%
SUBURBAN INDUSTRIAL	8	3	25	0	50	48	0	15	25	50	80	0	0	304	0.13%
SUBURBAN PUBLIC AUTHORITY	0	0	3	0	0	8	0	0	25	100	0	0	0	136	0.06%
WEST MILWAUKEE RESIDENTIAL	449	341	33	0	5	8	0	0	0	0	0	0	0	836	0.37%
WEST MILWAUKEE COMMERCIAL	51	37	118	0	135	72	0	45	50	0	0	0	0	508	0.22%
WEST MILWAUKEE INDUSTRIAL	9	18	5	0	60	88	0	30	175	100	80	0	0	565	0.25%
WEST MILWAUKEE PUBLIC AUTHORITY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%
BROWN DEER	0	0	0	0	0	0	0	0	0	0	320	0	0	320	0.14%
BUTLER	0	0	0	0	0	0	0	0	0	100	0	0	0	100	0.04%
GREENDALE	0	0	0	0	0	0	0	0	0	0	160	360	0	520	0.23%
MENOMONEE FALLS	0	0	0	0	0	0	0	0	0	0	160	240	0	400	0.18%
MEQUON	0	0	0	0	0	0	0	0	0	0	160	0	0	160	0.07%
NEW BERLIN	0	0	0	0	0	0	0	0	0	0	320	0	0	320	0.14%
SHOREWOOD	0	0	0	0	0	0	0	0	0	0	80	0	320	400	0.18%
WAUWATOSA	0	0	0	0	0	0	0	0	0	0	160	240	320	720	0.32%
WEST ALLIS	0	0	0	0	0	0	0	0	0	0	0	480	0	480	0.21%
COUNTY INSTITUTIONS	0	0	0	0	0	0	0	0	0	0	80	0	320	400	0.18%
TOTALS	108,821	41,991	12,690	15	15,120	13,552	0	9,540	9,925	8,900	4,080	2,040	960	227,634	100.00%

CUSTOMER CLASS ALLOCATION FACTORS

EQUIVALENT SERVICES

ALLOCATION FACTOR:

Meter size (inches):	5/8	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	6	8	10	12	TOTAL EQUIV. SERVICES	PERCENT
Equiv. services ratio:	1.0	1.0	1.3	1.3	2.0	3.0	3.5	4.0	5.0	6.0	7.0	8.0	9.0		
URBAN RESIDENTIAL	93,096	35,741	1,435	1	154	54	0	0	0	0	0	0	0	130,482	74.69%
URBAN COMMERCIAL	4,182	2,824	3,622	3	4,112	3,444	0	1,396	1,105	438	63	0	0	21,188	12.13%
URBAN INDUSTRIAL	271	276	261	0	434	735	0	384	275	216	49	24	0	2,925	1.67%
URBAN PUBLIC AUTHORITY	61	80	421	1	226	558	0	628	465	306	98	24	0	2,869	1.64%
SUBURBAN RESIDENTIAL	10,286	2,505	170	0	104	3	0	0	0	0	0	0	0	13,068	7.48%
SUBURBAN COMMERCIAL	408	166	594	3	918	204	0	112	85	66	7	0	0	2,563	1.47%
SUBURBAN INDUSTRIAL	8	3	13	0	20	18	0	4	5	6	7	0	0	84	0.05%
SUBURBAN PUBLIC AUTHORITY	0	0	1	0	0	3	0	0	5	12	0	0	0	21	0.01%
WEST MILWAUKEE RESIDENTIAL	449	341	17	0	2	3	0	0	0	0	0	0	0	812	0.46%
WEST MILWAUKEE COMMERCIAL	51	37	61	0	54	27	0	12	10	0	0	0	0	252	0.14%
WEST MILWAUKEE INDUSTRIAL	9	18	3	0	24	33	0	8	35	12	7	0	0	149	0.09%
WEST MILWAUKEE PUBLIC AUTHORITY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%
BROWN DEER	0	0	0	0	0	0	0	0	0	0	28	0	0	28	0.02%
BUTLER	0	0	0	0	0	0	0	0	0	12	0	0	0	12	0.01%
GREENDALE	0	0	0	0	0	0	0	0	0	0	14	24	0	38	0.02%
MENOMONEE FALLS	0	0	0	0	0	0	0	0	0	0	14	16	0	30	0.02%
MEQUON	0	0	0	0	0	0	0	0	0	0	14	0	0	14	0.01%
NEW BERLIN	0	0	0	0	0	0	0	0	0	0	28	0	0	28	0.02%
SHOREWOOD	0	0	0	0	0	0	0	0	0	0	7	0	18	25	0.01%
WAUWATOSA	0	0	0	0	0	0	0	0	0	0	14	16	18	48	0.03%
WEST ALLIS	0	0	0	0	0	0	0	0	0	0	0	32	0	32	0.02%
COUNTY INSTITUTIONS	0	0	0	0	0	0	0	0	0	0	7	0	18	25	0.01%
TOTALS	108,821	41,991	6,599	8	6,048	5,082	0	2,544	1,985	1,068	357	136	54	174,693	100.00%

ALLOCATION OF SERVICE COST FUNCTIONS TO CUSTOMER CLASSES

	TOTAL	URBAN	URBAN	URBAN	URBAN	SUBURBAN	SUBURBAN	SUBURBAN	SUBURBAN
	(\$)	RESIDENTIAL	COMMERCIAL	INDUSTRIAL	PUB AUTH	RESIDENTIAL	COMMERCIAL	INDUSTRIAL	PUB AUTH
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
BASE COSTS:									
SYSTEM	39,689,085	11,929,355	8,238,305	4,210,257	2,222,768	1,014,530	895,122	101,718	5,307
DISTRIBUTION	12,834,715	5,277,967	3,644,916	1,862,766	983,431	448,864	396,033	45,004	2,348
EXTRA-CAPACITY COSTS:									
MAXIMUM-DAY SYSTEM	11,849,321	4,096,952	2,263,454	578,379	534,363	348,425	245,933	13,973	1,276
MAXIMUM-DAY DISTIBUTION	0	0	0	0	0	0	0	0	0
MAXIMUM-HOUR SYSTEM	0	0	0	0	0	0	0	0	0
MAXIMUM-HOUR DISTRIBUTION	8,984,301	3,933,263	2,120,258	524,311	500,886	334,504	230,374	12,667	1,196
MAXIMUM-HOUR STORAGE	567,676	240,032	129,391	31,997	30,567	20,413	14,059	773	73
CUSTOMER COSTS:									
BILLING	1,189,798	955,655	100,315	10,340	7,959	95,355	11,883	301	37
EQUIVALENT METERS	4,287,743	2,485,938	913,822	181,175	220,441	251,861	113,555	5,720	2,549
EQUIVALENT SERVICES	5,793,270	4,327,113	702,664	97,011	95,127	433,380	84,986	2,786	706
FIRE PROTECTION	<u>4,055,620</u>								
TOTAL COST	89,251,528	33,246,275	18,113,126	7,496,235	4,595,541	2,947,331	1,991,945	182,942	13,492
LESS OTHER REVENUE	<u>4,371,009</u>	<u>1,686,509</u>	<u>1,093,838</u>	<u>380,267</u>	<u>233,121</u>	<u>149,512</u>	<u>101,047</u>	<u>9,280</u>	<u>684</u>
COST OF SERVICE	84,880,519	31,559,766	17,019,288	7,115,968	4,362,420	2,797,820	1,890,898	173,662	12,808
REVENUE AT PRESENT RATES	<u>66,078,717</u>	<u>24,396,904</u>	<u>13,417,466</u>	<u>4,726,862</u>	<u>3,128,378</u>	<u>2,722,204</u>	<u>1,925,067</u>	<u>164,331</u>	<u>17,253</u>
DIFFERENCE	<u>18,801,802</u>	<u>7,162,862</u>	<u>3,601,822</u>	<u>2,389,106</u>	<u>1,234,042</u>	<u>75,616</u>	<u>(34,169)</u>	<u>9,331</u>	<u>(4,445)</u>
PERCENT INCREASE/DECREASE	<u><u>28.45%</u></u>	<u><u>29.36%</u></u>	<u><u>26.84%</u></u>	<u><u>50.54%</u></u>	<u><u>39.45%</u></u>	<u><u>2.78%</u></u>	<u><u>-1.77%</u></u>	<u><u>5.68%</u></u>	<u><u>-25.76%</u></u>

ALLOCATION OF SERVICE COST FUNCTIONS TO CUSTOMER CLASSES

	WEST MILWAUKEE RESIDENTIAL (\$)	WEST MILWAUKEE COMMERCIAL (\$)	WEST MILWAUKEE INDUSTRIAL (\$)	WEST MILWAUKEE PUB AUTH (\$)	BROWN DEER (\$)	BUTLER (\$)	GREENDALE (\$)	MENOMONEE FALLS (\$)
BASE COSTS:								
SYSTEM DISTRIBUTION	77,837 0	79,606 0	351,150 0	0 0	611,167 0	150,699 0	582,330 0	1,388,848 0
EXTRA-CAPACITY COSTS:								
MAXIMUM-DAY SYSTEM	26,732	21,871	48,239	0	126,401	22,062	243,579	206,554
MAXIMUM-DAY DISTRIBUTION	0	0	0	0	0	0	0	0
MAXIMUM-HOUR SYSTEM	0	0	0	0	0	0	0	0
MAXIMUM-HOUR DISTRIBUTION	0	0	0	0	0	0	0	0
MAXIMUM-HOUR STORAGE	1,566	1,250	2,669	0	0	0	0	0
CUSTOMER COSTS:								
BILLING	5,916	1,293	470	0	29	15	37	29
EQUIVALENT METERS	15,720	9,548	10,630	0	6,432	2,010	10,452	8,040
EQUIVALENT SERVICES	26,925	8,360	4,928	0	929	398	1,260	995
FIRE PROTECTION								
TOTAL COST	154,695	121,930	418,085	0	744,958	175,184	837,659	1,604,466
LESS OTHER REVENUE	7,847	6,185	21,209	0	0	0	0	0
COST OF SERVICE	146,848	115,744	396,877	0	744,958	175,184	837,659	1,604,466
REVENUE AT PRESENT RATES	119,589	97,023	311,999	0	595,844	149,914	721,401	1,232,664
DIFFERENCE	27,259	18,721	84,878	0	149,114	25,270	116,258	371,802
PERCENT INCREASE/DECREASE	22.79%	19.30%	27.20%	NA	25.03%	16.86%	16.12%	30.16%

ALLOCATION OF SERVICE COST FUNCTIONS TO CUSTOMER CLASSES

	MEQUON (\$)	NEW BERLIN (\$)	SHOREWOOD (\$)	WAUWATOSA (\$)	WEST ALLIS (\$)	COUNTY INSTITUTIONS (\$)	PUBLIC FIRE PROTECTION (\$)
BASE COSTS:							
SYSTEM	377,677	1,139,544	546,051	2,148,854	2,709,788	516,283	391,891
DISTRIBUTION	0	0	0	0	0	0	173,386
EXTRA-CAPACITY COSTS:							
MAXIMUM-DAY SYSTEM	99,174	182,717	145,925	294,617	289,662	137,970	1,921,064
MAXIMUM-DAY DISTIBUTION	0	0	0	0	0	0	0
MAXIMUM-HOUR SYSTEM	0	0	0	0	0	0	0
MAXIMUM-HOUR DISTRIBUTION	0	0	0	0	0	0	1,326,842
MAXIMUM-HOUR STORAGE	5,640	0	8,273	0	0	0	80,972
CUSTOMER COSTS:							
BILLING	15	29	22	44	29	22	
EQUIVALENT METERS	3,216	6,432	8,040	14,472	9,648	8,040	
EQUIVALENT SERVICES	464	929	829	1,592	1,061	829	
FIRE PROTECTION							4,055,620
TOTAL COST	486,186	1,329,651	709,140	2,459,579	3,010,189	663,144	7,949,774
LESS OTHER REVENUE	0	0	0	0	0	0	681,509
COST OF SERVICE	486,186	1,329,651	709,140	2,459,579	3,010,189	663,144	7,268,265
REVENUE AT PRESENT RATES	300,804	884,138	529,923	2,036,879	2,282,822	440,013	5,877,239
DIFFERENCE	185,382	445,513	179,217	422,700	727,367	223,131	1,391,026
PERCENT INCREASE/DECREASE	61.63%	50.39%	33.82%	20.75%	31.86%	50.71%	23.67%

ALLOCATION OF PUBLIC FIRE PROTECTION TO CUSTOMER CLASSES

	TOTAL	MILWAUKEE	GREENFIELD	HALES	ST. FRANCIS	WEST	BROWN	BUTLER
	(\$)	(\$)	(\$)	CORNERS	(\$)	MILWAUKEE	DEER	(\$)
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
ESTIMATED FIRE FLOW	28,340,101	19,440,000	1,101,124	152,716	305,028	156,510	387,130	84,431
BASE COSTS:								
SYSTEM	391,891	268,819	15,226	2,112	4,218	2,164	5,353	1,168
DISTRIBUTION	173,386	118,935	6,737	934	1,866	958	2,368	517
EXTRA-CAPACITY COSTS:								
MAXIMUM-DAY SYSTEM	1,921,064	1,317,761	74,641	10,352	20,677	10,609	26,242	5,723
MAXIMUM-DAY DISTRIBUTION	0	0	0	0	0	0	0	0
MAXIMUM-HOUR SYSTEM	0	0	0	0	0	0	0	0
MAXIMUM-HOUR DISTRIBUTION	1,326,842	910,152	51,553	7,150	14,281	7,328	18,125	3,953
MAXIMUM-HOUR STORAGE	80,972	55,543	3,146	436	872	447	1,106	241
CUSTOMER COSTS:								
BILLING								
EQUIVALENT METERS								
EQUIVALENT SERVICES								
FIRE PROTECTION	<u>4,055,620</u>	<u>3,726,771</u>	<u>211,092</u>	<u>29,277</u>	<u>58,476</u>	<u>30,004</u>	<u>0</u>	<u>0</u>
TOTAL COST	7,949,774	6,397,981	362,396	50,261	100,389	51,510	53,195	11,601
LESS PRIVATE FIRE REVENUE	<u>681,509</u>	<u>681,509</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
COST OF SERVICE	7,268,265	5,716,472	362,396	50,261	100,389	51,510	53,195	11,601
REVENUE AT PRESENT RATES	<u>5,877,239</u>	<u>4,328,971</u>	<u>440,288</u>	<u>93,505</u>	<u>159,748</u>	<u>100,443</u>	<u>53,376</u>	<u>48,204</u>
DIFFERENCE	<u>1,391,026</u>	<u>1,387,501</u>	<u>(77,892)</u>	<u>(43,244)</u>	<u>(59,359)</u>	<u>(48,933)</u>	<u>(181)</u>	<u>(36,603)</u>
PERCENT INCREASE/DECREASE	<u>23.67%</u>	<u>32.05%</u>	<u>-17.69%</u>	<u>-46.25%</u>	<u>-37.16%</u>	<u>-48.72%</u>	<u>-0.34%</u>	<u>-75.93%</u>

ALLOCATION OF PUBLIC FIRE PROTECTION TO CUSTOMER CLASSES

	GREENDALE	MENOMONEE		NEW			WEST	COUNTY
	FALLS	MEQUON		BERLIN	SHOREWOOD	WAUWATOSA	ALLIS	INSTITUTIONS
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
ESTIMATED FIRE FLOW	452,393	1,051,723	251,013	849,390	435,158	1,377,977	1,812,487	483,021
BASE COSTS:								
SYSTEM	6,256	14,543	3,471	11,745	6,017	19,055	25,063	6,679
DISTRIBUTION	2,768	6,434	1,536	5,197	2,662	8,431	11,089	2,955
EXTRA-CAPACITY COSTS:								
MAXIMUM-DAY SYSTEM	30,666	71,292	17,015	57,577	29,498	93,408	122,861	32,742
MAXIMUM-DAY DISTRIBUTION	0	0	0	0	0	0	0	0
MAXIMUM-HOUR SYSTEM	0	0	0	0	0	0	0	0
MAXIMUM-HOUR DISTRIBUTION	21,180	49,240	11,752	39,767	20,373	64,515	84,858	22,614
MAXIMUM-HOUR STORAGE	1,293	3,005	717	2,427	1,243	3,937	5,179	1,380
CUSTOMER COSTS:								
BILLING								
EQUIVALENT METERS								
EQUIVALENT SERVICES								
FIRE PROTECTION	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
TOTAL COST	62,162	144,515	34,491	116,713	59,794	189,345	249,050	66,371
LESS PRIVATE FIRE REVENUE	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
COST OF SERVICE	62,162	144,515	34,491	116,713	59,794	189,345	249,050	66,371
REVENUE AT PRESENT RATES	<u>62,280</u>	<u>106,752</u>	<u>27,024</u>	<u>76,800 *</u>	<u>66,828</u>	<u>149,904</u>	<u>163,116</u>	<u>0</u>
DIFFERENCE	<u>(118)</u>	<u>37,763</u>	<u>7,467</u>	<u>39,913</u>	<u>(7,034)</u>	<u>39,441</u>	<u>85,934</u>	<u>66,371</u>
PERCENT INCREASE/DECREASE	<u>-0.19%</u>	<u>35.37%</u>	<u>27.63%</u>	<u>51.97%</u>	<u>-10.53%</u>	<u>26.31%</u>	<u>52.68%</u>	<u>NA</u>

* Includes \$23,424 extra from rate case application which contemplated additional area in New Berlin to be served by MWW water, but which was not material enough to adjust the total public fire protection at present rates in the revenue requirement.

MILWAUKEE WATER WORKS
Comparison of Revenue
at
Present Rates, Cost of Service and Proposed Rates

Customer Class	Revenue at Present Rates	Cost of Service		Proposed Rates		
		Revenue Required	Increase Over Present Rates	Revenue	Increase Over Present Rates	Percent of Cost of Service
General Service - Retail						
Urban Residential	\$ 24,396,904	\$ 31,559,766	29.4%	\$ 31,202,055	27.9%	99%
Urban Commercial	\$ 13,417,466	\$ 17,019,288	26.8%	\$ 16,986,756	26.6%	100%
Urban Industrial	\$ 4,726,862	\$ 7,115,968	50.5%	\$ 6,566,273	38.9%	92%
Urban Public Authority	\$ 3,128,378	\$ 4,362,420	39.4%	\$ 4,077,889	30.4%	93%
Urban Total	\$ 45,669,610	\$ 60,057,442	31.5%	\$ 58,832,974	28.8%	98%
Suburban Residential	\$ 2,722,204	\$ 2,797,820	2.8%	\$ 3,469,661	27.5%	124%
Suburban Commercial	\$ 1,925,067	\$ 1,890,898	-1.8%	\$ 2,404,065	24.9%	127%
Suburban Industrial	\$ 164,331	\$ 173,662	5.7%	\$ 220,530	34.2%	127%
Suburban Public Authority	\$ 17,253	\$ 12,808	-25.8%	\$ 19,954	15.7%	156%
Suburban Total	\$ 4,828,855	\$ 4,875,188	1.0%	\$ 6,114,210	26.6%	125%
West Milwaukee Residential	\$ 119,589	\$ 146,848	22.8%	\$ 146,538	22.5%	100%
West Milwaukee Commercial	\$ 97,023	\$ 115,744	19.3%	\$ 115,756	19.3%	100%
West Milwaukee Industrial	\$ 311,999	\$ 396,877	27.2%	\$ 398,089	27.6%	100%
West Milwaukee Public Authority	\$ -	\$ -		\$ -		
West Milwaukee Total	\$ 528,611	\$ 659,469	24.8%	\$ 660,383	24.9%	100%
Retail Total	\$ 51,027,076	\$ 65,592,098	28.5%	\$ 65,607,566	28.6%	100%
General Service - Wholesale						
Brown Deer	\$ 595,844	\$ 744,958	25.0%	\$ 745,338	25.1%	100%
Butler	\$ 149,914	\$ 175,184	16.9%	\$ 175,251	16.9%	100%
Greendale	\$ 721,401	\$ 837,659	16.1%	\$ 838,121	16.2%	100%
Menomonee Falls	\$ 1,232,664	\$ 1,604,466	30.2%	\$ 1,605,688	30.3%	100%
Mequon	\$ 300,804	\$ 486,186	61.6%	\$ 486,553	61.8%	100%
New Berlin	\$ 884,138	\$ 1,329,651	50.4%	\$ 1,330,582	50.5%	100%
Shorewood	\$ 529,923	\$ 709,140	33.8%	\$ 709,613	33.9%	100%
Wauwatosa	\$ 2,036,879	\$ 2,459,579	20.8%	\$ 2,461,635	20.9%	100%
West Allis	\$ 2,282,822	\$ 3,010,189	31.9%	\$ 3,011,673	31.9%	100%
County Institutions	\$ 440,013	\$ 663,144	50.7%	\$ 664,691	51.1%	100%
Wholesale Total	\$ 9,174,402	\$ 12,020,156	31.0%	\$ 12,029,144	31.1%	100%
Public Fire Protection	\$ 5,877,239	\$ 7,268,265	23.7%	\$ 7,270,374	23.7%	100%
Total	\$ 66,078,717	\$ 84,880,519	28.5%	\$ 84,907,085	28.5%	100%

MILWAUKEE WATER WORKS
Comparison of Revenue
at
Present Rates, Cost of Service and Proposed Rates

Customer Class	Revenue at Present Rates	Cost of Service		Proposed Rates		
		Revenue Required	Increase Over Present Rates	Revenue	Increase Over Present Rates	Percent of Cost of Service
Public Fire Protection - Retail						
Urban - Milwaukee	\$ 4,328,971	\$ 5,716,472	32.1%	\$ 5,576,248	28.8%	98%
Suburban - Others	\$ 693,541	\$ 513,046	-26.0%	\$ 637,246	-8.1%	124%
Suburban - West Milwaukee	\$ 100,443	\$ 51,510	-48.7%	\$ 69,593	-30.7%	135%
Retail Total	\$ 5,122,955	\$ 6,281,027	22.6%	\$ 6,283,086	22.6%	100%
Public Fire Protection - Wholesale						
Brown Deer	\$ 53,376	\$ 53,195	-0.3%	\$ 53,196	-0.3%	100%
Butler	\$ 48,204	\$ 11,601	-75.9%	\$ 11,604	-75.9%	100%
Greendale	\$ 62,280	\$ 62,162	-0.2%	\$ 62,172	-0.2%	100%
Menomonee Falls	\$ 106,752	\$ 144,515	35.4%	\$ 144,516	35.4%	100%
Mequon	\$ 27,024	\$ 34,491	27.6%	\$ 34,500	27.7%	100%
New Berlin	\$ 76,800	\$ 116,713	52.0%	\$ 116,724	52.0%	100%
Shorewood	\$ 66,828	\$ 59,794	-10.5%	\$ 59,796	-10.5%	100%
Wauwatosa	\$ 149,904	\$ 189,345	26.3%	\$ 189,348	26.3%	100%
West Allis	\$ 163,116	\$ 249,050	52.7%	\$ 249,060	52.7%	100%
County Institutions	\$ -	\$ 66,371		\$ 66,372		100%
Wholesale Total	\$ 754,284	\$ 987,238	30.9%	\$ 987,288	30.9%	100%
Total	\$ 5,877,239	\$ 7,268,265	23.7%	\$ 7,270,374	23.7%	100%

General Service and Public Fire Protection - Total

Retail

Urban - Milwaukee	\$ 49,998,581	\$ 65,773,913	31.6%	\$ 64,409,222	28.8%	98%
Suburban - Others	\$ 5,522,396	\$ 5,388,234	-2.4%	\$ 6,751,455	22.3%	125%
Suburban - West Milwaukee	\$ 629,054	\$ 710,979	13.0%	\$ 729,975	16.0%	103%
Retail Total	\$ 56,150,031	\$ 71,873,126	28.0%	\$ 71,890,653	28.0%	100%

Wholesale

Brown Deer	\$ 649,220	\$ 798,153	22.9%	\$ 798,534	23.0%	100%
Butler	\$ 198,118	\$ 186,785	-5.7%	\$ 186,855	-5.7%	100%
Greendale	\$ 783,681	\$ 899,821	14.8%	\$ 900,293	14.9%	100%
Menomonee Falls	\$ 1,339,416	\$ 1,748,981	30.6%	\$ 1,750,204	30.7%	100%
Mequon	\$ 327,828	\$ 520,677	58.8%	\$ 521,053	58.9%	100%
New Berlin	\$ 960,938	\$ 1,446,364	50.5%	\$ 1,447,306	50.6%	100%
Shorewood	\$ 596,751	\$ 768,934	28.9%	\$ 769,409	28.9%	100%
Wauwatosa	\$ 2,186,783	\$ 2,648,924	21.1%	\$ 2,650,983	21.2%	100%
West Allis	\$ 2,445,938	\$ 3,259,239	33.3%	\$ 3,260,733	33.3%	100%
County Institutions	\$ 440,013	\$ 729,515	65.8%	\$ 731,063	66.1%	100%
Wholesale Total	\$ 9,928,686	\$ 13,007,394	31.0%	\$ 13,016,432	31.1%	100%
Total	\$ 66,078,717	\$ 84,880,519	28.5%	\$ 84,907,085	28.5%	100%

MILWAUKEE WATER WORKS**Proposed Rates and Rules**Public Fire Protection Service - Urban Retail - City of Milwaukee - - - F-1

Under Wis. Stat. § 196.03(3)(b), the municipality has chosen to have the utility bill the retail general service customers for public fire protection service.

This service shall include the use of hydrants for fire protection service only and such quantities of water as may be demanded for the purpose of extinguishing fires within the service area. This service shall also include water used for testing equipment and training personnel. For all other purposes, the metered or other rates set forth, or as may be filed with the Public Service Commission, shall apply.

Quarterly Public Fire Protection Service Charges:

5/8 -inch meter - \$	6.30	3 -inch meter - \$	129.00
3/4 -inch meter - \$	6.30	4 -inch meter - \$	210.00
1 -inch meter - \$	18.75	6 -inch meter - \$	396.00
1 1/4 -inch meter - \$	18.75	8 -inch meter - \$	693.00
1 1/2 -inch meter - \$	42.00	10 -inch meter - \$	885.00
2 -inch meter - \$	64.50	12 -inch meter - \$	1,104.00

Customers who are provided service under Schedule Mg-1 shall also be subject to the charges in this schedule.

Billing: Same as Schedule Mg-1.

Public Fire Protection Service - Suburban Retail Communities - - - F-1.1

For public fire protection service furnished to areas served at retail outside the City of Milwaukee where the suburban retail communities have chosen to have the utility directly bill public fire protection to all classes of retail general service customers under Wis. Stat. § 196.03(3)(b), the charges to cover the use of facilities shall be the following.
(Urban charges in Schedule F-1 plus 25 percent surcharge).

Quarterly Public Fire Protection Service Charges:

5/8 -inch meter - \$	7.88	3 -inch meter - \$	161.25
3/4 -inch meter - \$	7.88	4 -inch meter - \$	262.50
1 -inch meter - \$	23.44	6 -inch meter - \$	495.00
1 1/4 -inch meter - \$	23.44	8 -inch meter - \$	866.25

1½ -inch meter - \$	52.50	10 -inch meter - \$	1,106.25
2 -inch meter - \$	80.63	12 -inch meter - \$	1,380.00

Customers who are provided service under Schedule Mg-2 shall also be subject to the charges in this schedule.

Billing: Same as Schedule Mg-1.

Public Fire Protection Service - Suburban: Greenfield - - - F-1.2

Delete.

Public Fire Protection Service - Suburban: Hales Corners - - - F-1.3

Delete.

Public Fire Protection Service - Suburban: West Milwaukee - - - F-1.4

Delete.

Private Fire Protection Service - - - Pf-1

This service shall consist of permanent or continuous unmetered connections to the main for the purpose of supplying water to private fire protection systems such as automatic sprinkler systems, standpipes, and private hydrants. This service shall also include reasonable quantities of water used for testing check valves and other backflow prevention devices.

Quarterly Private Fire Protection Service Demand Charges - Urban - City of Milwaukee:

1-inch connection	\$ 12.00
1½-inch connection	\$ 14.25
2-inch connection	\$ 16.50
3-inch connection	\$ 21.00
4-inch connection	\$ 33.00
6-inch connection	\$ 60.00
8-inch connection	\$ 81.00
10-inch connection	\$ 123.00
12-inch connection	\$ 231.00
14-inch connection	\$ 249.00
16-inch connection	\$ 474.00

Quarterly Private Fire Protection Service Demand Charges - Suburban Retail Communities:
(Urban charges above plus 25 percent surcharge)

1-inch connection	\$ 15.00
1½-inch connection	\$ 17.82
2-inch connection	\$ 20.63
3-inch connection	\$ 26.25
4-inch connection	\$ 41.25
6-inch connection	\$ 75.00
8-inch connection	\$ 101.25
10-inch connection	\$ 153.75
12-inch connection	\$ 288.75
14-inch connection	\$ 311.25
16-inch connection	\$ 592.50

Billing: Same as Schedule Mg-1.

General Service - Urban Retail - City of Milwaukee - - - Mg-1

Quarterly Service Charges:

5/8 -inch meter - \$	14.70	6 -inch meter - \$	563.70
¾ -inch meter - \$	14.70	8 -inch meter - \$	869.10
1 -inch meter - \$	26.10	10 -inch meter - \$	1,292.40
1¼ -inch meter - \$	26.10	12 -inch meter - \$	2,376.00
1½ -inch meter - \$	50.10	14 -inch meter - \$	2,574.00
2 -inch meter - \$	81.90	16 -inch meter - \$	2,769.00
3 -inch meter - \$	159.00	20 -inch meter - \$	3,159.00
4 -inch meter - \$	317.70	24 -inch meter - \$	3,549.00

Volume Charges for Water Used Per Quarter:

		Per 100 <u>Cubic Feet</u>	Per 1,000 <u>Gallons</u>
First	10,000 cubic feet or 75,000 gallons	\$1.750	\$2.340
Next	490,000 cubic feet or 3,675,000 gallons	\$1.600	\$2.139
Next	1,500,000 cubic feet or 11,250,000 gallons	\$1.210	\$1.618

Over 2,000,000 cubic feet or 15,000,000 gallons	\$1.110	\$1.484
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Billing: See Water Utility Operating Rules (Schedule X-1), Chapter 5 - Billing and Collection

Late Payment Charge: 5 percent (See also Wis. Stat. § 62.69(2)(e))

Large volume retail customers may be billed monthly based on monthly meter readings at the discretion of Milwaukee Water Works.

General Service - Urban - - Mg-1.1

Non-Sufficient Funds Charge: \$35.00

Basis for charge: Bank charges and/or administrative costs are incurred for the processing and collecting of NSF checks.

Application: This charge applies to the customer's account whenever a check rendered for utility service is returned for non-sufficient funds.

Interim Meter Readings Taken by Utility Staff: \$25.00 per reading

Basis for charge: In situations where such readings (taken between regular quarterly readings) are required for real estate closings, changes in tenancy, etc., Milwaukee Water Works accepts the customer's reading.

Application: This charge applies whenever the customer requests that utility personnel make the reading.

Status of Account Charge: \$10.00 per reading

Basis for charge: Requests of customer account balances after a billing.

Application: This charge applies whenever a title company makes a request.

Final Bill Charge: \$20.00 per reading

Basis for charge: Requests of a final bill for an account.

Application: This charge applies whenever a customer makes a request.

Investigation Charge: \$40.00 per investigation following the first free investigation

Basis for Charge: Investigations have been performed by the utility as a customer service, generally to identify leaks. They generally are scheduled in advance and the

customer is advised to be present to give access to the building. At times, the customer fails to be present or is unable to give full access. Some customers demand additional investigations within a short period of time under circumstances that do not warrant the additional effort. This charge for additional investigations compensates Milwaukee Water Works for the resulting cost.

Application: This charge applies whenever a customer fails to be present at a scheduled investigation and the customer reschedules the investigation. A first no-show would not be charged. A second no-show would be chargeable. This charge would also be made for a second or subsequent investigation scheduled within a three month period.

Billing: Same as Schedule Mg-1.

General Service - Suburban Retail Communities - - - Mg-2

Quarterly Service Charges: (Urban charges plus 25 percent surcharge)

5/8 -inch meter - \$	18.38	6 -inch meter - \$	704.63
3/4 -inch meter - \$	18.38	8 -inch meter - \$	1,086.38
1 -inch meter - \$	32.63	10 -inch meter - \$	1,615.50
1 1/4 -inch meter - \$	32.63	12 -inch meter - \$	2,970.00
1 1/2 -inch meter - \$	62.63	14 -inch meter - \$	3,217.50
2 -inch meter - \$	102.38	16 -inch meter - \$	3,461.25
3 -inch meter - \$	198.75	20 -inch meter - \$	3,948.75
4 -inch meter - \$	397.13	24 -inch meter - \$	4,436.25

Volume Charges for Water Used Per Quarter - West Milwaukee:

		Per 100 <u>Cubic Feet</u>	Per 1,000 <u>Gallons</u>
First	10,000 cubic feet or 75,000 gallons	\$0.980	\$1.310
Next	490,000 cubic feet or 3,675,000 gallons	\$0.960	\$1.283
Next	1,500,000 cubic feet or 11,250,000 gallons	\$0.910	\$1.217
Over	2,000,000 cubic feet or 15,000,000 gallons	\$0.880	\$1.176

Volume Charges for Water Used per Quarter - Greenfield, Hales Corners, St. Francis, Brown Deer, Cudahy, Franklin, Glendale, Shorewood, Wauwatosa, West Allis, and similarly served areas:
(Urban charges plus 25 percent surcharge)

		<u>Per 100 Cubic Feet</u>	<u>Per 1,000 Gallons</u>
First	10,000 cubic feet or 75,000 gallons	\$2.188	\$2.925
Next	490,000 cubic feet or 3,675,000 gallons	\$2.000	\$2.674
Next	1,500,000 cubic feet or 11,250,000 gallons	\$1.513	\$2.023
Over	2,000,000 cubic feet or 15,000,000 gallons	\$1.388	\$1.855

Billing: Same as Schedule Mg-1.

Miscellaneous Service - - - Mz-1

Deposits:

Hydrant Wrench:	\$250.00
Hydrant Cap:	\$250.00
Small Meter:	\$250.00
Large Meter:	\$675.00

Hydrant wrench and cap must be returned at the expiration of the hydrant use permit.

Hydrant Permits:

Sewer Flushing and Lining: \$18.00 for each 100 feet or portion thereof.

Metered Hydrant Use:

General Service Charge:	\$ 65.00 per week (non-refundable)
Meter Installation:	\$325.00 per occurrence
For water used:	Apply General Service Volume Rates

When water is taken from a Milwaukee Water Works hydrant before obtaining the required permit, a permit fee equaling 4 times the normal original permit fee will be assessed (up to a maximum of \$2,000.00 per occurrence).

Meter size requirement is at the discretion of Milwaukee Water Works.

Garden Plots: Unmetered water from public hydrants used during the growing season (April through September) for garden plots on city property shall be charged the following rates for service:

Irrigable: \$65.00 service charge per hydrant connection per season.
\$21.00 per 1,000 square feet or portion thereof.
This volume is approximately 9,500 gallons per 1,000 square feet per growing season.

Hand-Carry: \$65.00 service charge per hydrant connection per season.
\$ 8.00 per 1,000 square feet or portion thereof.
This volume is approximately 3,200 gallons per 1,000 square feet per growing season.

Outside the City of Milwaukee: Add 25 percent surcharge.

City Boulevards Irrigated by Sprinklers: \$20.00 per 1,000 square feet annually.

Chargeable Hose Connections: \$940.00 per temporary hose connection at customer request.

Bulk Water Permits:

Set Up: \$65.00 annual fee (non-refundable)
Fill Charge: \$ 5.00 per visit to fill
Volume Charge: Same as Schedule Mg-1

Caulkers Test Charge: \$500.00 per visit

Basis for charge: Inspectors certify that contractor personnel are able to correctly caulk a water main during installation. This training session takes about 4 to 5 hours to complete.

Application: This charge applies whenever a contractor makes a request.

Flow Test Charge: \$350.00 per test

Basis for charge: Engineering provides water pressure and flow tests on the system. These tests take about 1 to 2 hours to complete.

Application: This charge applies whenever a contractor or firm makes a request.

Billing: Same as Schedule Mg-1.

Suburban Resale Service - Metered - - W-1

General Service Charges and Public Fire Protection Service Charges:

	Quarterly General <u>Service</u>	Quarterly Fire <u>Protection</u>	Monthly General <u>Service</u>	Monthly Fire <u>Protection</u>
Brown Deer	\$ 4,345.52	\$13,299.00	\$1,448.51	\$ 4,433.00
Butler	\$ 1,409.26	\$ 2,901.00	\$ 469.75	\$ 967.00
Greendale	\$ 7,019.26	\$15,543.00	\$2,339.75	\$ 5,181.00
Menomonee Falls	\$ 5,403.76	\$36,129.00	\$1,801.25	\$12,043.00
Mequon	\$ 2,172.76	\$ 8,625.00	\$ 724.25	\$ 2,875.00
New Berlin	\$ 4,345.52	\$29,181.00	\$1,448.51	\$ 9,727.00
Shorewood	\$ 7,026.38	\$14,949.00	\$2,342.13	\$ 4,983.00
Wauwatosa	\$11,343.76	\$47,337.00	\$3,781.25	\$15,779.00
West Allis	\$ 6,462.00	\$62,265.00	\$2,154.00	\$20,755.00
County Institutions	\$ 7,026.38	\$16,593.00	\$2,342.13	\$ 5,531.00

Volume Charges:

	Per 100 <u>Cubic Feet</u>	Per 1,000 <u>Gallons</u>
Brown Deer	\$1.108	\$1.481
Butler	\$1.047	\$1.400
Greendale	\$1.294	\$1.730
Menomonee Falls	\$1.061	\$1.418
Mequon	\$1.177	\$1.574
New Berlin	\$1.072	\$1.433
Shorewood	\$1.161	\$1.552
Wauwatosa	\$1.046	\$1.398
West Allis	\$1.025	\$1.370
County Institutions	\$1.147	\$1.533

Billing: Same as Schedule Mg-1.Standby Service to City of Cudahy Water Utility - - Ws-1

Standby Charge: \$3,500 per year, payable in equal installments on January 1 and July 1 for the year, in advance.

Volume Charge: Per Schedule Mg-1.

Standby Service to North Shore Water Commission - - - Ws-3

Standby Charge: \$2,700 per year, payable in equal installments on January 1 and July 1 for the year, in advance.

Volume Charge: Per Schedule Mg-1.

Standby Service to the Village of Greendale - - - Ws-5

Delete.

Charges for Connections, Repairs and Resetting Meters - - - Lc-1

Permit Application Charge:

The charge for each separate application made for a tap, branch, or extension includes a \$90.00 charge to cover administrative and clerical functions and is not refundable in the event of a cancellation.

Tapping Charge:

The tapping charge includes furnishing and installing the corporation stop, furnishing the curb stop and box, and unmetered water for construction purposes for one and two family homes. Paved areas require a roadway service box and cover for which an additional \$140.00 will be charged. When work is commenced without obtaining the required permit, a permit fee equaling 4 times the normal original fee will be assessed (up to a maximum of \$2,000.00 per occurrence).

Main size (Inches)	Service Pipe Size (Inches)		
	1	1½	2
4	\$560.00*	\$710.00*	\$830.00*
6	\$370.00	\$520.00	\$640.00
8 and larger	\$370.00	\$520.00	\$640.00

*Includes tapping saddle

Branch Charge:

The branch charge includes furnishing and installing a special sleeve or tee as required, the branch valve (gate or butterfly), and furnishing the valve box and cover. When work is commenced without obtaining the required permit, a permit fee equaling 4 times the normal original fee will be assessed (up to a maximum of \$2,000.00 per occurrence).

Main Size (Inches)	Service Pipe Size (Inches)					
	3	4	6	8	10	12
6	\$1,480.00*	\$1,520.00	\$1,860.00	N/A	N/A	N/A
8	\$1,240.00*	\$1,570.00	\$1,700.00	\$2,570.00	N/A	N/A
12	N/A	\$1,780.00	\$1,870.00	\$2,250.00	\$2,720.00	\$3,090.00
16	N/A	\$2,140.00	\$2,200.00	\$2,300.00	\$3,160.00	\$3,480.00
20	N/A	\$4,330.00**	\$4,740.00	\$4,580.00	\$4,790.00	\$4,670.00

* - Plumber must supply a reducer at branch valve to install 3-inch pipe.

** - Plumber must supply a reducer at branch valve to install 4-inch pipe.

N/A - Not applicable.

Extension (Meters) Charge:

The extension charge includes furnishing, testing, and installing the meter and automatic meter reading (AMR) device. Prices on request for meter types and sizes not listed. When work is commenced without obtaining the required permit, a permit fee equaling 4 times the normal original fee will be assessed (up to a maximum of \$2,000.00 per occurrence).

Meter Size (Inches)	Positive Displacement	Compound Turbine
$\frac{5}{8}$	\$240.00	N/A
$\frac{3}{4}$	\$270.00	N/A
1	\$320.00	N/A
1½	\$590.00	N/A
2	\$790.00	N/A
2	N/A	\$ 1,470.00
3	N/A	\$ 1,980.00
4	N/A	\$ 2,360.00
6	N/A	\$ 3,730.00
8	N/A	\$ 6,410.00
10	N/A	\$ 7,990.00
4×2	N/A	\$ 4,900.00
6×2	N/A	\$ 6,020.00
8×2	N/A	\$ 8,630.00
10×2	N/A	\$12,500.00

Repair Charges:

Rule 4.1.3 of City of Milwaukee, Department of Public Works, Milwaukee Water Works, Rules and Regulations Governing Water Service, requires that damage through customer negligence be repaired by the utility at the customer's expense. Repair expense will be billed at established rates for parts and labor for actual time and material used.

Charges for complaint tests will be made in accordance with Wis. Admin. Code §§ PSC 185.77 and 185.78.

Meter Reset Charges:

A meter reset charge applies to an account when utility personnel make a service call and find the meter missing, removed illegally, or previously removed at the owner's request.

Meter Size (Inches)	Charge
$\frac{5}{8}$	\$ 40.00
$\frac{3}{4}$	\$ 40.00
1	\$ 40.00
1½	\$ 130.00
2	\$ 180.00
2C	\$ 270.00
3	\$ 360.00
4	\$ 360.00
6	\$ 550.00
8	\$ 730.00
10	\$ 730.00
4×2	\$ 730.00
6×2	\$ 730.00
8×2	\$1,090.00
10×2	\$1,460.00

Outside the City of Milwaukee: Add 25 percent surcharge.

Water Utility Operating Rules

No change.

MILWAUKEE WATER WORKS

Customer Water Bill Comparison at Present and Proposed Rate:
Urban - Milwaukee

Customer Type	Meter Size (Inches)	Volume (100 Cu Ft)	Quarterly			Quarterly including Public Fire Protection		
			Bills at Old Rates	Bills at New Rates	Percent Change	Bills at Old Rates	Bills at New Rates	Percent Change
Small Residential	5/8	5	\$18.84	\$23.45	24.5%	\$22.87	\$29.75	30.1%
Residential	5/8	15	\$32.24	\$40.95	27.0%	\$36.27	\$47.25	30.3%
Average Residential	5/8	26	\$46.98	\$60.20	28.1%	\$51.01	\$66.50	30.4%
Residential	3/4	50	\$79.14	\$102.20	29.1%	\$83.17	\$108.50	30.5%
Residential	3/4	75	\$112.64	\$145.95	29.6%	\$116.67	\$152.25	30.5%
Commercial	1	100	\$159.85	\$201.10	25.8%	\$178.37	\$219.85	23.3%
Commercial	1 1/2	200	\$308.82	\$385.10	24.7%	\$350.68	\$427.10	21.8%
Commercial	1 1/2	500	\$683.82	\$865.10	26.5%	\$725.68	\$907.10	25.0%
Commercial	2	1,000	\$1,340.90	\$1,696.90	26.5%	\$1,405.30	\$1,761.40	25.3%
Commercial	3	2,000	\$2,667.81	\$3,374.00	26.5%	\$2,796.61	\$3,503.00	25.3%
Commercial	4	5,000	\$6,576.63	\$8,332.70	26.7%	\$6,785.92	\$8,542.70	25.9%
Public Authority	8	7,000	\$8,687.81	\$11,304.10	30.1%	\$9,380.08	\$11,997.10	27.9%
Large Commercial	6	10,000	\$10,722.63	\$14,628.70	36.4%	\$11,118.68	\$15,024.70	35.1%
Large Public Authority	10	12,000	\$13,011.31	\$17,777.40	36.6%	\$13,896.78	\$18,662.40	34.3%
Large Industrial	6	20,000	\$18,522.63	\$26,728.70	44.3%	\$18,918.68	\$27,124.70	43.4%
Large Public Authority	6	28,000	\$24,362.63	\$35,608.70	46.2%	\$24,758.68	\$36,004.70	45.4%
Large Industrial	8	90,000	\$69,927.81	\$104,734.10	49.8%	\$70,620.08	\$105,427.10	49.3%
Large Industrial	10	100,000	\$77,651.31	\$116,257.40	49.7%	\$78,536.78	\$117,142.40	49.2%

MILWAUKEE WATER WORKS

Customer Water Bill Comparison at Present and Proposed Rates
Suburban - Greenfield, Hales Corners, St. Francis

Customer Type	Meter Size (Inches)	Volume (100 Cu Ft)	Quarterly			Quarterly including Public Fire Protection						
			Bills at Old Rates	Bills at New Rates	Percent Change	Bills at Old Rates Greenfield	Bills at Old Rates Hales Corners	Bills at Old Rates St. Francis	Bills at New Rates	Percent Change Greenfield	Percent Change Hales Corners	Percent Change St. Francis
Small Residential	5/8	5	\$23.57	\$29.32	24.4%	\$31.82	\$37.12	\$23.57	\$37.20	16.9%	0.2%	57.8%
Residential	5/8	15	\$40.32	\$51.20	27.0%	\$48.57	\$53.87	\$40.32	\$59.08	21.6%	9.7%	46.5%
Average Residential	5/8	22	\$52.04	\$66.52	27.8%	\$60.29	\$65.59	\$52.04	\$74.39	23.4%	13.4%	42.9%
Residential	3/4	50	\$98.94	\$127.78	29.1%	\$107.19	\$112.49	\$98.94	\$135.66	26.6%	20.6%	37.1%
Residential	3/4	75	\$140.82	\$182.48	29.6%	\$149.07	\$154.37	\$140.82	\$190.36	27.7%	23.3%	35.2%
Commercial	1	100	\$199.81	\$251.43	25.8%	\$219.12	\$233.44	\$199.81	\$274.87	25.4%	17.7%	37.6%
Commercial	1	150	\$277.96	\$351.43	26.4%	\$297.27	\$311.59	\$277.96	\$374.87	26.1%	20.3%	34.9%
Commercial	1 1/2	200	\$386.08	\$481.43	24.7%	\$425.01	\$453.65	\$386.08	\$533.93	25.6%	17.7%	38.3%
Commercial	1 1/2	500	\$854.98	\$1,081.43	26.5%	\$893.91	\$922.55	\$854.98	\$1,133.93	26.9%	22.9%	32.6%
Commercial	2	750	\$1,285.83	\$1,621.18	26.1%	\$1,345.00	\$1,393.89	\$1,285.83	\$1,701.81	26.5%	22.1%	32.4%
Commercial	2	1,000	\$1,676.58	\$2,121.18	26.5%	\$1,735.75	\$1,784.64	\$1,676.58	\$2,201.81	26.9%	23.4%	31.3%
Public Authority	2	1,500	\$2,458.08	\$3,121.18	27.0%	\$2,517.25	\$2,566.14	\$2,458.08	\$3,201.81	27.2%	24.8%	30.3%
Public Authority	3	2,000	\$3,335.72	\$4,217.55	26.4%	\$3,450.94	\$3,538.13	\$3,335.72	\$4,378.80	26.9%	23.8%	31.3%
Commercial	3	3,000	\$4,898.72	\$6,217.55	26.9%	\$5,013.94	\$5,101.13	\$4,898.72	\$6,378.80	27.2%	25.0%	30.2%
Industrial	4	4,000	\$6,660.24	\$8,415.93	26.4%	\$6,865.76	\$6,999.67	\$6,660.24	\$8,678.43	26.4%	24.0%	30.3%
Large Commercial	6	5,000	\$8,530.74	\$10,723.43	25.7%	\$8,941.79	\$9,206.48	\$8,530.74	\$11,218.43	25.5%	21.9%	31.5%
Large Industrial	6	10,000	\$13,405.74	\$18,288.43	36.4%	\$13,816.79	\$14,081.48	\$13,405.74	\$18,783.43	35.9%	33.4%	40.1%
Large Industrial	8	25,000	\$28,102.21	\$40,740.18	45.0%	\$28,762.38	\$29,185.88	\$28,102.21	\$41,606.43	44.7%	42.6%	48.1%

MILWAUKEE WATER WORKS

Customer Water Bill Comparison at Present and Proposed Rates
Suburban - West Milwaukee

Customer Type	Meter Size (Inches)	Volume (100 Cu Ft)	Quarterly			Quarterly including Public Fire Protection		
			Bills at Old Rates	Bills at New Rates	Percent Change	Bills at Old Rates	Bills at New Rates	Percent Change
Small Residential	5/8	5	\$19.14	\$23.28	21.7%	\$32.28	\$31.16	-3.5%
Residential	5/8	15	\$27.03	\$33.08	22.4%	\$40.17	\$40.96	2.0%
Average Residential	5/8	27	\$36.49	\$44.84	22.9%	\$49.63	\$52.72	6.2%
Residential	3/4	50	\$54.64	\$67.38	23.3%	\$67.78	\$75.26	11.0%
Residential	3/4	75	\$74.37	\$91.88	23.6%	\$87.51	\$99.76	14.0%
Commercial	1	100	\$111.21	\$130.63	17.5%	\$143.91	\$154.07	7.1%
Commercial	1	150	\$149.36	\$178.63	19.6%	\$182.06	\$202.07	11.0%
Commercial	1 1/2	200	\$217.48	\$256.63	18.0%	\$282.87	\$309.13	9.3%
Commercial	1 1/2	500	\$446.38	\$544.63	22.0%	\$511.77	\$597.13	16.7%
Commercial	2	750	\$677.23	\$824.38	21.7%	\$783.11	\$905.01	15.6%
Commercial	2	1,000	\$867.98	\$1,064.38	22.6%	\$973.86	\$1,145.01	17.6%
Commercial	2	1,500	\$1,249.48	\$1,544.38	23.6%	\$1,355.36	\$1,625.01	19.9%
Commercial	3	2,000	\$1,727.12	\$2,120.75	22.8%	\$1,923.30	\$2,282.00	18.7%
Industrial	3	3,000	\$2,490.12	\$3,080.75	23.7%	\$2,686.30	\$3,242.00	20.7%
Commercial	4	4,000	\$3,451.64	\$4,239.13	22.8%	\$3,784.84	\$4,501.63	18.9%
Industrial	4	5,000	\$4,214.64	\$5,199.13	23.4%	\$4,547.84	\$5,461.63	20.1%
Large Industrial	6	10,000	\$7,922.14	\$10,056.63	26.9%	\$8,579.19	\$10,551.63	23.0%
Large Industrial	8	25,000	\$18,423.61	\$23,938.38	29.9%	\$19,482.37	\$24,804.63	27.3%